

## Waste Management, Inc.

A WMX Technologies Company Three Greenwood Square 3329 Street Road Bensalem, PA 19020-8532 Phone 215.244.9514 Fax 215.244.1308

June 22, 1995

Mr. James S. Haklar, P.E.
New Jersey Branch II
Emergency and Remedial Response
United States Environmental Protection Agency
290 Broadway, 19th Floor
New York, NY 10007-1866

Re: Discharge Monitoring Report
Leachate Treatment Plant, Operable Unit 1
Kin-Buc Landfill Superfund Site

Dear Mr. Haklar:

The Discharge Monitoring Report (DMR) for the Leachate Treatment Plant of Operable Unit 1, Kin-Buc Landfill Superfund Site prepared by Conti and its operating subcontractor for the month of May, 1995, is attached. Copies have been included for you to send to NJDEP. We will send these directly if you desire. We understand that NJDEP copies are to go Mr. Ian Curtis and:

Ms. Susan Dietrick NJ Department of Environmental Protection Division of Water Quality Bureau of Permit Management 401 East State Street, Floor 2, CN 029 Trenton, NJ 08625.

Sincerely,

Representing SCA Services, Inc., and Kin-Buc, Inc.,

Wayne Thurman

Sr. Construction Manager / Facility Coordinator

numan

Enclosure

cc: Rick Karr - SCA
 Anthony LaBato - Conti
 Bob Morano - Kin-Buc, Inc.
 Luz Spann - USCOE



A-012523

June 22, 1995

Mr. Anthony LaBato Project Manager Conti Environmental, Inc. 383 Meadow Road Edison, New Jersey 08818

Re:

Kin-Buc Landfill Leachate Treatment Facility Discharge Monitoring Report - May 1995

Dear Mr. LaBato:

In accordance with the Surface Water Discharge Permit Equivalent dated August 24, 1992, Metcalf & Eddy is pleased to transmit the enclosed original copy of Transmittal Form T-VWX-014, the 6-page Discharge Monitoring Report (DMR) and the Monthly Report for the Kin-Buc Landfill Leachate Treatment Facility for the month of May 1995. The monthly report is a summary of the operation and maintenance of the treatment plant. These enclosures have been prepared by James Russell of Professional Services Group, Chief Operator at the Kin-Buc Landfill Leachate Treatment Plant, NJDEP N-4 License Registration No. 000771.

Please refer to the Monthly Report for the indicated Permit Equivalent exceptions.

Please be reminded that in accordance with the facility NJDEP discharge permit, all DMRs shall be submitted within 25 days of the start of the following month. DMRs should be mailed to Susan Dietrick with a copy sent to Ian Curtis at the address provided in our June 5, 1995 letter.

If you have any questions, please call me at 908-685-6117.

Very truly yours,

Steven Biuso, P.E.

Project Manager

Metcalf & Eddy, Inc.

SB/CF:cf enclosures

c: J. Russell

C. Feuer

#### KIN-BUC LANDFILL LEACHATE TREATMENT FACILITY

#### **MONTHLY REPORT - MAY 1995**

#### A. OPERATIONS

All parameters for monthly compliance analyses were within the Permit Equivalent effluent limitations with the following exceptions for the month of May:

- Incorrect Testing Frequency Analysis of petroleum hydrocarbons, COD, and BOD was performed only once
   during the month of May due to an inadvertent error in scheduling the certified lab.
   The analyses for these parameters should have been twice during the month.
   Additional administrative procedures have been taken to minimize this from occurring in the future. EPA has been notified.
- Acute Toxicity Not Tested Confusion resulting from the discrepancy between the discharge permit and the
   Startup Manual as to the frequency of this test did not allow time to schedule this test
   in May 1995. However, this test was performed and passed in early June 1995.

The facility was in full operation during the month of May with no operational problems, bypasses or interruptions with the following exception:

• The plant was down for a total of 12 hours on May 24 and 25 due to a high level alarm in the acid neutralization tank. This was caused by a defective modulating valve which has since been corrected.

The filter press has been on line and operating well since May 26. The methane detection system has been on line continuously since May 23.

The plant was staffed 24 hours per day through May 15. From May 16 through the end of the month, coverage was 8 hours per day, Monday through Friday; 5 hours per day, Saturday; and no coverage on Sundays.

The volume of flow treated and the amount of sludge removed from site during May are as follows:

Total Effluent Discharged: 995,240 gallons
Average Daily Flow: 32,104 gpd
Maximum Daily Rate: 50,859 gpd
Sludge Cake Removed: 0 tons

#### **B. MAINTENANCE**

Maintenance performed during May is summarized as follows:

- Impellers were changed from 5 1/8" to 6" on PACT feed pumps (P-561 and P-562) to increase flow capacity.
- Motor for aeration blower (AB-751) was replaced by the manufacturer due to a defective bearing.
- Level switch in the filter press day tank (T-940) was replaced. Thermal overloads were installed in the day tank mixer motor starter.
- Two air vents were installed in the effluent discharge pipe to prevent effluent from backing up in the flow channels from trapped air.

### C. ACCIDENTS, INCIDENTS AND EMERGENCIES

There were no accidents, incidents or emergencies during May.

# NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION DIVISION OF WATER RESOURCES

Figure 3

# MONITORING REPORT - TRANSMITTAL SHEET

PERMITTEE: Name Mr. Wayne Thurman Mo. VR.  Address Co SCA Services Inc.  3 Green wood Squere  Ben sa lem for, 1902 0  FACILITY: Name Lin - TSuc Landfill  Address 38 Mendow Road  Edison, Mioldle sex (County) W. J.  Telephone 1908 1 572 - 629 4  FORMS ATTACHED (Indicase Quantity of Each)  SLUDGE REPORTS - SANITARY  TOWN-007 T.VWX-008 T.VWX-009  SLUDGE REPORTS - INDUSTRIAL  T.VWX-010A T.VWX-010B  WASTEWATER REPORTS  WASTEWATER REPORTS  WASTEWATER REPORTS  T.VWX-011 T.VWX-012 T.VWX-013  GROUNDWATER REPORTS  WYX-015(A, B) VWX-016 VWX-017  NPDES DISCHARGE MONITORING REPORT  PEPA FORM 33201  AUTHENTICATION - I certify under penalty of law that I have personally examined and am familiar with the	NJPDES NO.	REPORTING PERIOD		
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Name (Printed) James Russell Name (Printed) James Russell	Name (Printed) James Russell	Name (Printed) _ James /	Sars	<u>e//</u>
Grade & Registry No. N-4 000 77/ Title (Printed) Chief Operator	Grade & Registry No. 10-4 000 77/	Title (Printed) Chief Open	ato	
Signature Signature Signature Signature 1995		Signature June /	95-	

24

Analysis of petroleum hydrocarbons, COD, BOD % Removal
was performed only once during May 1995 due to an
error on the part of the Chief Operator in scheduling
the certified laboratory. This is a violation of the
permit requirerment for frequency of analysis for these
analytes. The tests should have been performed twice (bi-monthly)
and were only performed once.

A discrepancy between the Discharge Permit and the
Initial Startup and Operation Manual as to the frequency
of analysis for Acate Toxicity resulted in the Acute Toxicity
test not being scheduled and performed in May 1995. The
test was however performed and passed the first week

HOURS ATTENDED AT PLANT

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Others																5
Day of Month	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Licensed Operator	8	8	8	5		8	10	8	11	8	6	1	8	11	8	
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(1) 7-day average

@ See transmittal sheet.

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	SAMPLE MEASUREMENT	4.0000242	€, 000 <del>0</del> 386			e0.2	<0.2		0	lweek	G.	rab		
Toluene	PERMIT REQUIREMENT	0.004	.011**	kg/day	<del>Questa stra</del>	28 F	74	ug/1	Ţ	2/Mon	th 6	rab		
	SAMPLE MEASUREMENT	<,0000363	£ 00005 <b>19</b>			< 0.3	40,3		0	1/week	661	rab		
1,2-trans Dichloroethy	48-700-000000000000000000000000000000000	0,004	0.009	kg/day	*****	: 25 <sup>4</sup>	60	ug/l		2/Mont		irab		
NAME/TITLE PRINCIPAL EXECUTIVE			OF LAW THAT I HAVE			_	./  -	TELEPHON	E	<del>                                     </del>	ATE	<u> </u>		
James Russell Chief Operator	ON M OBTAI TRUE.	IY INQUIRY OF THOSE NING THE INFORMATIO ACCURATE AND C	E INDIVIDUALS IMMEDIATE IN I BELIEVE THE SUBM OMPLETE. I AM AWAF DECIREMENTATIONS FALSE IN	AITTED INFORM THAT THE	MATION IS ERE ARE NOLUDING	. Russlll	EXECUTIVE 9	08  572-6	() <i>9Y</i>	95	6	18		
Professional Services TYPED OR PRINTED	Group THE!	POSSIBILITY OF FINE A	NND IMPRISONMENT. SEE under these statutes in somment of between 6 month	nev include fil	WINDIA!	TURE OF PRINCIPAL CER OR AUTHORIZ		REA NUME		YEAR	мо	DAY		

TYPED OR PRINTED COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)		NATIO	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)  (2-16) (17-19)  Form Approved											
NAME			_ <u>N</u>	J Perm	nit Equi	1.	<b>⊢</b> —	001		Form Approv		04		•
				PERMI	<del> </del>					Approval exp	oires 1	0-31-94		
FACILITY Kin-Buc Landfi	11		_	YEAR	MONIT		PERIC	MO DAY						
LOCATION Edison, New Je	rsey		_ FROM	95	05 /		73 03 37		NOTE: Read instr	pleting this fo		m.		
	K -	(3 Card Only) Qu	JANTITY OR		(22-23) (24 G	25) (4 Card (		28-29) (30-31) QUALITY OR CO	NCENTRATION	4000000	1	FREQUENC		
PARAMETER		(46-53)	(54-6			(38	R-45)	(46-53)	(54-61)	<del></del>	NO. EX	OF ANALYSIS	31	AMPLE TYPE
(32-37)		AVERAGE	MAXII	MUM	UNITS	MÏN	MUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)		69-70)
	SAMPLE MEASUREMEN	< ,0000 484	4,0000	772							0	1/week	E G	reb
Trichloroethylene	PERMIT REQUIREMENT	70.004	8 o.at	104 \$	kg/day	****	() what	26	- '69	ug/1		2/Mont	h Gr	ab
	SAMPLE MEASUREMEN	<,0000484	<.0000	772				<0.4	20.4		0	1/10 ce	6 6	146
Vinyl Chloride	PERMIT REQUIREMENT	800.0	0.01	16	kg/day	****	*****	52.8	106	ug/1		leekly	Gr	rab
	SAMPLE MEASUREMEN	T <.000 20 B3	<,000	332				< 1.72	<1.72		0	3/Hout	b G	nab
Acenaphthylene	PERMIT REQUIREMENT		0.0008	52 <sup>; }</sup>	kg/day	****	*****	1,72	3,43	ug/1		Month1	y Gi	rab
	SAMPLE MEASUREMEN	T < ,000 2083	K.000.	332-				4/.72	41.72		0	3/1007	46	rab
Benzo(a)Anthracene	PERMIT REQUIREMEN	0:00026	0.000	**************************************	kg/day	****	****	1.72	3.43,	ug/1	I,	Monthl	y Gi	rab
	SAMPLE MEASUREMEN	T <,0002083	<.0003	?32_	•			<1.72	41.71		0	3/mont	66.	rab
Benzo(a)Pyrene	PERMIT REQUIREMEN		0.000		kg/day	***	****	1.72	3.43	ug/l		Monthl	y Gi	rab
	SAMPLE MEASUREMEN	T K,0002083	< ,000	332				4/.72	41.72		0	3/mont	4 G.	rab
Benzo(ghi)Perylene	PERMIT REQUIREMEN		b.000	<b>5</b> 2	kg/day	See With	de ibe	1.72	3,43	ug/1		Monthl	y G	rab
	SAMPLE MEASUREMEN	T < ,0002,083	C.0003	332				.72</td <td>&lt;1.72</td> <td></td> <td>0</td> <td>Imort</td> <td>66,</td> <td>rgb</td>	<1.72		0	Imort	66,	rgb
Benzo(k)Fluoranthene	PERMIT REQUIREMEN	a oabae	0.000		kg/day	-	****	1.72	3,43	ug/1		Month	y G	rab
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER   CERTIFY UNDER PENALT							1,		oli –	TELEPHON	VE.	0	ATE	<u> </u>
James Russell Chief Operator	ON OBT TRU	MY INQUIRY OF THOS AINING THE INFORMATIC E ACCURATE AND C	E INDIVIDUALS ON I BELIEVE OMPLETE. I	THE SUBM AM AWARI	ITTED INFORME THAT THE	MATION IS IERE ARE INCLUDING	Jon			08  572.	£294	95	6	18
	Professional Services Group			MENT. SEE: statutes m	18 U.S.C. 1 1 ay include fi	ines up to	SIGNA	URE OF PRINCIPA ICER OR AUTHORI	AL EXECUTIVE 7	REA NUM		YEAR	мо	DAY
TYPED OR PRINTED  COMMENT AND EXPLANATION OF AI	\$101	100 and or maximum impris	sonment of betwe	reen 6 months	s and > years.)	<del></del> -	UFF	CER OR AUTHORI	C	ODE I NOM		1		1 <u></u>
COMMENT AND EXPLANATION OF A	NI VIULAIIUNS	( Velelenre an amarinne	/											

ERMITTEE NAME/ADDRESS (Include actility Name/Location if different)			DISCHA	UTANT DISCH ARGE MON (2-16)	HARGE ELIMI	KELOK	rstem (NPDES) T (DMR) 17-19)	,	•		٠.		•		
ADDRESS				mit Equ	<u>il.</u>		001	Form Approved.  OMB No. 2040-0004							
			PERM	IT NUMBER		ARGE NUMBER	Approval expires 10-31-94								
Kin-Buc Land	<u></u>		_	MONIT	ORING F		•								
			FROM 95	MO DA	5 3/	· ·									
OCATION EGISON, NEW	<u>0e13cy</u>		- [ <del>75</del> ]	(22-23) (24-		26-27) (2	8-29) (30-31) N	NOTE: Read instructions before completing this form.							
		1(5	ANTITY OR LOADIN	IG .	(4 Card Only) QUALITY OR CO (38-45) (46-53)			CONCENTRATION (54-61)			FREQUENCY OF ANALYSIS	SAM	APLE		
PARAMETER (32-37)	$\perp$	(46-53)	(54-61) MAXIMUM	UNITS	MINIM	<u> </u>	AVERAGE	MAXIMUM	UNITS	NO. EX (62-63)	ANALYSIS (64-68)	1	PE 1-70)		
(323.)		AVERAGE	MAXIMUM	UNITS	10111111				<del></del>		3/	<del>                                     </del>	7.1		
	SAMPLE MEASUREMENT	4.000 2085	<.000332				.72</td <td>&lt; 1,72</td> <td>1 .</td> <td>0</td> <td>mosth</td> <td>61</td> <td>al a</td>	< 1,72	1 .	0	mosth	61	al a		
				l / d a	*****	***	1.72	3.43	ug/1		Monthly	Gra	ab		
Ideno(1,2,3cd)Pyrene	PERMIT REQUIREMENT	0,500026	0.00052	kg/day	7.0.6		1.72		ug/ 1						
	SAMPLE						c1.72	6/.72		0	3/morth	600	26		
	MEASUREMENT						-1. 14								
Phenanthrene	PERMIT REQUIREMENT	*******	*****	****	*****	***	Report Only	5.4(2)	ug/1		Weekly	Gra	ab		
	SAMPLE		6.2		•		/		17 1 F	0	1/ /				
	MEASUREMENT	4.0000109	4,0000193				40,0875	< 0.08	75	<b>V</b>	"Week	6-10	960		
Aldrin	PERMIT REQUIREMENT	0.000133	0:00026	kg/day	****	***	0.0875	0.176	ug/1		Monthly	Gr	ab		
•	REQUIREMENT	0,000133	0.000L0	kg/ dd/			•	_							
	SAMPLE MEASUREMENT	K. 0000109	< 0000173			'."	<0,09	< 0.09		0	Week	6.00	ab		
				1	*	***		0.765	/1		Weekly	Gr	ah		
4,4-DDT	PERMIT REQUIREMENT	0,0000578	0.000116	kg/day	*****		0.38	0.763	ug/1		MECKIY	<u> "</u>	<del></del>		
	SAMPLE						20.5	40.5		0	1/week	Gra	ale		
	MEASUREMENT						-0.2				7000				
PCB-1242	PERMIT REQUIREMENT	******	*****	***	*****	****	Report Only	0.5(2)	ug/1		Weekly	Gr	ab		
				1	77.7						1/ ,		./		
	SAMPLE MEASUREMENT	r					< 0,5	40,5		0	"I week	Gra	96		
PCB-1248	PERMIT REQUIREMENT	********	*******	****	*****	****	Report offly	0(5(2)	ug/1		Weekly	Gr	ab		
	REQUIREMENT										:/				
	SAMPLE MEASUREMEN	<b>.</b>					< 0.5	40,5		0	week	GR	AU		
PCB-1254				1				A = (2):	/1	4.	Weekly	0.0	ab		
	PERMIT REQUIREMENT	********		****			Report Only	9,3***	ug/l				av .		
NAME/TITLE PRINCIPAL EXECUTIV	4 4 450	ALA PARAMIAM MANTH THE	OF LAW THAT I HAVE	FO MEREN A	ND BASED I	Λ		_	TELEPHON	E	P	ATE			
James Russell	ON	MY INQUIRY OF THOSE	INDIVIDUALS IMMEDIAT	AITTED INFOR	MATION IS	V.	I all	1,			ر ابری ا	/	18		
Chief Operator	TRUE	ACCURATE AND CONTROL FOR	OMPLETE I AM AWAR R SUBMITTING FALSE IN NO MARRISONMENT SEE	NE IMAI IM NEORMATION I	INCLUDING	SIGNATI	JRE OF PRINCIPAL	EXECUTIVE	108 572-	6294	75 6	<u> </u>	16		
Professional Services	GIUUD 33 I	icc & 1319 (Penalties	under these statutes nonment of between 6 month	nay include il	nes up to [[	,	ER OR AUTHORIZE		AREA NUME	3ER	YEAR N	10	DAY		

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(2) Discharge Reporting Level - See Cooresponding Footnote on Permit Equivalent

\*\* See transmittel sheet for explanation.

ERMITTEE NAME/ADDRESS (Include acility Name/Location if different)	NJ Pern	ARGE MON (2-16) nit Equi		SYSTEM (NPDES) RT (DMR) (17-19) 001 MARGE NUMBER	Form Approved.  OMB No. 2040-0004						
ACILITY Kin-Buc Landfill OCATION Edison, New Jersey			FROM 95	MONIT MO DA 65 / (22-23) (24-2	ORING PERIO	MO DAY 05 3/ (28-29) (30-31) N	OTE: Read instr	Approval exp	ires 10	)-31 <del>-9</del> 4	form.
PARAMETER		(3 Card Only) QU (46-53)	ANTITY OR LOADIN	G	(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	(54-61)		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
(32-37)		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69-70)
	SAMPLE MEASUREMENT					€0.3	<0.3		0	1/week	Grab
PCB-1260	PERMIT REQUIREMENT	******	*****	****	******	Report Only	0.5(2)	ug/l		Week1y	Grab .
	SAMPLE MEASUREMENT	.0007871	. 00/409/			6.5	7.3		0	1/week	Grana 24
Arsenic	PERMIT REQUIREMENT	0.013	0.026	kg/day	*****	85.8	172	ug/1		Week1 y	Comp
	SAMPLE MEASUREMENT	£0000218	<.0000347			<.18	<.18		0	/week	24 comp. 24
Cadmium	PERMIT REQUIREMENT	0.0073	0.017	kg/day	*****	48.2	112 <sup>54</sup>	ug/1		Weekly	Comp
	SAMPLE MEASUREMENT	.00022/	, 0004246		.*	1.825	2,2		0	Tweek	Compa 24
Chromium	PERMIT REQUIREMENT	0.030	4 0.060 M	kg/day	<del>"pythodda</del>	198	396	ug/1		Weekly	Comp
· · · · · · · · · · · · · · · · · · ·	SAMPLE MEASUREMENT			•		<1.4	<1.4		0	1/week	Comp. 24
Copper	PERMIT REQUIREMENT	*******	*******	****	*******	Report Only	10 🐃	ug/1		Weekly	Comp
	SAMPLE MEASUREMENT					1,2	1.2		0	1/week	Comp 28
Lead	PERMIT REQUIREMENT	******	******	*****	A ******	Report Only	10	ug/1		Weekly	Comp
	SAMPLE MEASUREMENT	K. 0042089	<.0088216			34,75	45.7		0	1/week	Coup 24
Nickel	PERMIT REQUIREMENT	0.140	0.281	kg/day	*****	924	1850	ug/1		Weekly	Comp
NAME/TITLE PRINCIPAL EXECUTIV	4400	AL MARKE IND SAUTH THE	OF LAW THAT I HAVE	FD MEKEN: AN	IU BASED III		/	TELEPHON	E	D A	ATE
James Russell Chief Operator	ON M OBTAIN TRUE.	Y INQUIRY OF THOSE VING THE INFORMATION ACCURATE AND CO	INDIVIDUALS IMMEDIATI N. I BELIEVE THE SUBN IMPLETE I AM AWAR I SUBMITTING FALSE IN	MITTED INFORM E THAT THE FORMATION I	MATION IS TO THE ARE NOLLUDING		9	08 572-	6294	95 6	6 18
Professional Services	s Group J THE S	C & 1319 (Penalties	ND IMPRISONMENT SEE under these statutes m nament of between 6 month	nay include fil	Se un il	TURE OF PRINCIPAL ICER OR AUTHORIZE	D AGENT	REA NUME	ER	YEAR M	O DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

(2) Discharge Reporting Level - See Cooresponding Footnote on Permit Equivalent

TYPED OR PRINTED

ERMITTEE NAME/ADDRESS (Include nell': Name/Location if different)			DISCHA	UTANT DISCH ARGE MON (2-16)	ARGE ELIMINATION S ITORING REPOR		F						
AME			NJ Perm	it Equil		001		orm Approve MB No. 2040		ļ	•		
			PERM	IT NUMBER		ARGE NUMBER		pproval expir			•	.1	
ACILITY Kin-Buc Land	f111 ———		-		ORING PERIO	MO DAY							
OCATION Edison, New			FROM 2	MO DA		26			1		· •	t	
			(20-21)	(22-23) (24-2	25) (26-27) (	28-29) (30-31) N	OTE: Read instruc	tions before			Torm.	•	
PARAMETER		(3 Card Only) QUA (46-53)	ANTITY OR LOADIN	G	(4 Card Only) (38-45)	(46-53)	(54-61)		NO.	FREQUENCY OF ANALYSIS	SAM	APLE PE	
(32-37)		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	(64-68)	(69	7-70)	
	SAMPLE MEASUREMENT	.003579	.0100185			29,55	51.9		0	Week	24		
Zinc	PERMIT REQUIREMENT	*0.177	0.356	kg/day	*****	1170	2350	ug/l	V	Veek1y	Com		
	SAMPLE MEASUREMENT	4,0012/12	.0019303			<10.0	=10.0	 	0	1/week	15	4	
Cyanide	PERMIT REQUIREMENT	0.002	0.004	kg/day	*******	13.2	26.4	ug/1		Weekly	Con	<u> </u>	
	SAMPLE MEASUREMENT	.0059803	.0206547		3 <b>6</b> 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	49.375	107.0		0	week	12	4_	
Aluminum	PERMIT REQUIREMENT	1.40	2.81	kg/day		9,240	18,500	ug/l		Weekly			
	SAMPLE MEASUREMENT	4,0021528	<.0035904			< 18.6	8.6</td <td></td> <td>0</td> <td>lweek</td> <td>72.3</td> <td>9</td>		0	lweek	72.3	9	
Iron	PERMIT REQUIREMENT	80,6	162 i	kg/day	******	532,000	1,070,000	ug/1 ⊯⊭		Weekly	Col	mp	
,	SAMPLE MEASUREMENT							7-7-	/	See P	drmi	<del>+</del>	
Acute Toxicity, (LC50)	PERMIT REQUIREMENT	****	******	****	¥ 50(3)	*******	******	%		Equiv			
	SAMPLE MEASUREMENT								384.4	_a	a satata		
	PERMIT REQUIREMENT	<b></b>	*		B.W.	<b>P</b> (1)							
	' SAMPLE MEASUREMENT								1.0000000		242	\$5.35	
	PERMIT REQUIREMENT	•			1.64						ATE	1	
NAME/TITLE PRINCIPAL EXECUTIVE  James Russell  Chief Operator  Professional Services	AND A ON M OBTAIN TRUE. SIGNIF	AM FAMILIAR WITH THE Y INQUIRY OF THOSE NING THE INFORMATION ACCURATE AND CO ICANT PENALTIES FOR	OF LAW THAT I HAVE INFORMATION SUBMITTI INDIVIDUALS IMMEDIATI I. I BELIEVE THE SUBMITTING FALSE IN SUBMITTING FALSE IN ON IMPRISONMENT. SEE under these statutes in	ED HEREINE AM ELY RESPONS MITTED INFORM RE THAT THI MFORMATION, II	MATION IS ERE ARE NCLUDING SIGNAT	TURE OF PRINCIPAL	EXECUTIVE 90	B 572	6294	95	6	18	
TYPED OR PRINTED	\$10,00	O and or maximum impriso	nment of between a month	his and 5 years.)	) OFF	ICER OR AUTHORIZ		DE NUMB	ER	YEAR	мо	DAY	
COMMENT AND EXPLANATION OF AN				-	** See	e transm	iff4/ 5h	aet.					
(3) This limita	tion is equ	ivalent to 2	tu <sub>a</sub> ° maximum	l <b>.</b>									

PAGE 6 OF 6